

### REMARKS

Applicant respectfully requests reconsideration and further examination of the patent application under 37 C.F.R. § 1.111. First of all, Applicant and the undersigned wish to express gratitude to the examiner for her courtesy during the Examiner Interview conducted on March 31, 2004 regarding an office action in a related application.

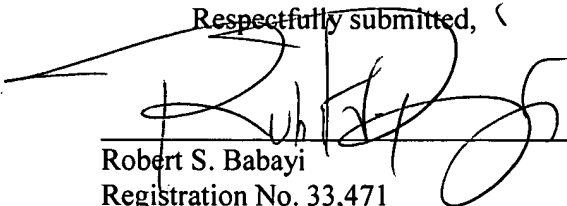
The Action rejected Claims 1-58 under 35 U.S.C. 102(a) as being anticipated by U.S. Patent 6,212,230 issued to Rybicki et al. (Rybicki). During the Interview, the Examiner agreed that Rybicki does not teach or suggest specifying pulse characteristics that define communication channels. Accordingly, Applicant has amended claims 1 and 30 as shown above to distinguish over Rybicki and respectfully submits that all of the stated grounds of rejection and objections have been properly traversed, accommodated or rendered moot. Accordingly, Applicant respectfully submits that the application is in condition for allowance.

If the Examiner believes, for any reasons, that further communication will expedite prosecution of this application the Examiner is invited to telephone the undersigned at the number provided.

Applicant believes there are no additional fees associated with this reply other than those indicated. However, if this is incorrect, the Commissioner is authorized to charge any fees which may be required for this paper to Deposit Account No. 22-0261

Respectfully submitted, (

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